ELSEVIER

Journal of Non-Crystalline Solids 239 (1998) 219–220

JOURNAL OF NON-CRYSTALLINE SOLIDS

Author Index

Affatigato, M., see Tischendorf, B. 239 (1998) 197

Barthélémy, A., see Smektala, F. 239 (1998) 139
Bigelow, N.P., see Poulios, D.P. 239 (1998) 181
Brady, D., see Hector, J.R. 239 (1998) 176
Brocklesby, W.S., see Hector, J.R. 239 (1998) 176

Canning, J., see von Bibra, M.L. 239 (1998) 121
Cardinal, T., E. Fargin, V. Nazabal, G. Le Flem, S. Le Boiteux and L. Ducasse, Glass local structure and optical nonlinearities of oxide glasses 239 (1998) 131
Chandonnet, A., see Laperle, P. 239 (1998) 116

De Angelis, C., see Smektala, F. 239 (1998) 139
Dejneka, M.J., The luminescence and structure of novel transparent oxyfluoride glass-ceramics 239 (1998) 149
Ducasse, L., see Cardinal, T. 239 (1998) 131

Fargin, E., see Cardinal, T. 239 (1998) 131
Feller, S., see Tischendorf, B. 239 (1998) 197
Fonteneau, G., see Smektala, F. 239 (1998) 156
Fujino, S., see Yayama, H. 239 (1998) 187
Furuhashi, G., see Watanabe, Y. 239 (1998) 104

Griscom, D.L. and M. Mizuguchi, Determination of the visible range optical absorption spectrum of peroxy radicals in gamma-irradiated fused silica 239 (1998) 66
Guénot, P., see Poumellec, B. 239 (1998) 84

Hammersten, E., see Tischendorf, B. 239 (1998) 197
Hanada, T., see Tanabe, S. 239 (1998) 170
Hector, J.R., J. Wang, D. Brady, M. Kluth, D.W. Hewak, W.S. Brocklesby and D.N. Payne, Spectroscopy and quantum efficiency of halide-modified gallium–lanthanum sulfide glasses doped with praseodymium 239 (1998) 176
Hensley, D.K., see Magruder III, R.H. 239 (1998) 78
Hewak, D.W., see Hector, J.R. 239 (1998) 176
Hewak, D.W., see Yayama, H. 239 (1998) 187
Hirao, K. and K. Miura, Writing waveguides and gratings in silica and related materials by a femtosecond laser 239 (1998) 91
Hosono, H., see Watanabe, Y. 239 (1998) 104
Houde-Walter, S.N., see Peters, P.M. 239 (1998) 162

Jiang, S., M. Myers and N. Peyghambarian, Er^{3+} doped phosphate glasses and lasers 239 (1998) 143
Johnson, D.E., see Poulios, D.P. 239 (1998) 181

Kang, J., see Tanabe, S. 239 (1998) 170
Kawazoe, H., see Watanabe, Y. 239 (1998) 104
Kluth, M., see Hector, J.R. 239 (1998) 176

Laperle, P., R. Vallée, A. Chandonnet and S. LaRochelle, Ultraviolet-induced color centers and annealing in thulium-doped fluorozirconate optical fibers 239 (1998) 116
LaRochelle, S., see Laperle, P. 239 (1998) 116
Le Boiteux, S., see Cardinal, T. 239 (1998) 131
Le Flem, G., see Cardinal, T. 239 (1998) 131
Lee, J.-W., G.H. Sigel Jr. and J. Li, Processing-induced defects in optical waveguide materials 239 (1998) 57
Leneindre, L., see Smektala, F. 239 (1998) 139
Li, J., see Lee, J.-W. 239 (1998) 57
Long, B.T., L.J. Peters and H.D. Schreiber, Solarization of soda–lime–silicate glass containing manganese 239 (1998) 126
Lucas, J., see Smektala, F. 239 (1998) 156
Lucas, J., see Smektala, F. 239 (1998) 139

Ma, C., see Tischendorf, B. 239 (1998) 197
Magruder III, R.H., R.A. Weeks, R.A. Weller, R.A. Zuhr and D.K. Hensley, Formation and photosensitivity of defects in Se implanted silica 239 (1998) 78
Mashinsky, V.M., see Poumellec, B. 239 (1998) 84
Meister, D.C., see Simmons-Potter, K. 239 (1998) 96
Melscoet, I., see Smektala, F. 239 (1998) 156
Miura, K., see Hirao, K. 239 (1998) 91
Mizuguchi, M., see Griscom, D.L. 239 (1998) 66
Morinaga, K., see Yayama, H. 239 (1998) 187
Moriwaki, H., see Watanabe, Y. 239 (1998) 104
Myers, M., see Jiang, S. 239 (1998) 143

Nazabal, V., see Cardinal, T. 239 (1998) 131
Nishii, J., see Watanabe, Y. 239 (1998) 104

Payne, D.N., see Hector, J.R. 239 (1998) 176
Payne, D.N., see Yayama, H. 239 (1998) 187
Peters, L.J., see Long, B.T. 239 (1998) 126
Peters, M., see Tischendorf, B. 239 (1998) 197
Peters, P.M. and S.N. Houde-Walter, Local structure of Er^{3+} in multicomponent glasses 239 (1998) 162
Peyghambarian, N., see Jiang, S. 239 (1998) 143
Potter Jr., B.G., see Simmons-Potter, K. 239 (1998) 96
Poulios, D.P., D.E. Johnson, N.P. Bigelow and J.P. Spoonhower, Methods of studying magnetic circular dichroism in erbium-doped aluminosilicate glass 239 (1998) 181
Poumellec, B., Links between writing and erasure (or stability) of Bragg gratings in disordered media 239 (1998) 108
Poumellec, B., V.M. Mashinsky, A.N. Trukhin and Ph. Guénot, 270 nm absorption and 432 nm luminescence bands in doped silica glasses 239 (1998) 84

Quemard, C., see Smektala, F. 239 (1998) 139

Radzig, V.A., Point defects in disordered solids: Differences in structure and reactivity of the $(\equiv Si–O)_2Si$: groups on silica surface 239 (1998) 49
Roberts, A., see von Bibra, M.L. 239 (1998) 121

Schreiber, H.D., see Long, B.T. 239 (1998) 126
Schreiber, H.D., see Wilk Jr., N.R. 239 (1998) 192
Sigel Jr., G.H., see Lee, J.-W. 239 (1998) 57
Simmons, J.H., What is so exciting about non-linear viscous flow in glass, molecular dynamics simulations of brittle fracture and semiconductor–glass quantum composites 239 (1998) 1
Simmons-Potter, K., B.G. Potter Jr., D.C. Meister and M.B. Sinclair, Photosensitive thin film materials and devices 239 (1998) 96
Sinclair, M.B., see Simmons-Potter, K. 239 (1998) 96
Skuja, L., Optically active oxygen-deficiency-related centers in amorphous silicon dioxide 239 (1998) 16
Skutnik, B.J., and M.R. Trumbull, High strength, unbuffered optical fibers 239 (1998) 210
Smektala, F., I. Melscoet, G. Fonteneau and J. Lucas, New fluoro–arsenate glasses rare earth rich 239 (1998) 156
Smektala, F., C. Quemard, L. Leneindre, J. Lucas, A. Barthélémy and C. De Angelis, Chalcogenide glasses with large non-linear refractive indices 239 (1998) 139
Soga, N., see Tanabe, S. 239 (1998) 170
Spoonhower, J.P., see Poulios, D.P. 239 (1998) 181

Takebe, H., see Yayama, H. 239 (1998) 187
Tanabe, S., J. Kang, T. Hanada and N. Soga, Yellow/blue luminescences of Dy^{3+}-doped borate glasses and their anomalous temperature variations 239 (1998) 170
Tischendorf, B., C. Ma, E. Hammersten, P. Venhuizen, M. Peters, M. Affatigato and S. Feller, The density of alkali silicate glasses over wide compositional ranges 239 (1998) 197
Trukhin, A.N., see Poumellec, B. 239 (1998) 84
Trumbull, M.R., see Skutnik, B.J. 239 (1998) 210

Vallée, R., see Laperle, P. 239 (1998) 116
Venhuizen, P., see Tischendorf, B. 239 (1998) 197
von Bibra, M.L., J. Canning and A. Roberts, Mode profile modification of H^+ ion beam irradiated waveguides using UV processing 239 (1998) 121

Wang, J., see Hector, J.R. 239 (1998) 176
Watanabe, Y., J. Nishii, H. Moriwaki, G. Furuhashi, H. Hosono and H. Kawazoe, Permanent refractive-index changes in GeO_2 glass slabs induced by irradiation with sub band gap light 239 (1998) 104
Weeks, R.A., see Magruder III, R.H. 239 (1998) 78
Weller, R.A., see Magruder III, R.H. 239 (1998) 78
Wilk Jr., N.R. and H.D. Schreiber, Optical properties of gold in acetate glasses 239 (1998) 192
Wissuchek, D.J., Residual stresses due to refractory inclusions in silica glass 239 (1998) 203

Yayama, H., S. Fujino, K. Morinaga, H. Takebe, D.W. Hewak and D.N. Payne, Refractive index dispersion of gallium lanthanum sulfide and oxysulfide glasses 239 (1998) 187

Zuhr, R.A., see Magruder III, R.H. 239 (1998) 78

ELSEVIER

Journal of Non-Crystalline Solids 239 (1998) 221–222

JOURNAL OF NON-CRYSTALLINE SOLIDS

Subject Index

Borates
Rare Earth Ions 239 (1998) 170

Chalcogenides
Non-linear Optics 239 (1998) 139

Colloids 239 (1998) 192

Defects
Fibers 239 (1998) 57
Germanates, Photoinduced Effects 239 (1998) 104
Photoinduced Effects, Silica 239 (1998) 66
Silica 239 (1998) 16
Silica, Surface Properties 239 (1998) 49

Density
Silicates 239 (1998) 197

Fibers
Defects 239 (1998) 57
Sol-Gel Method 239 (1998) 210

Fluoride Glasses
Rare Earth Ions 239 (1998) 116
Rare Earth Ions 239 (1998) 156

Fracture
Molecular Dynamics, Optical Properties, Quantum Wells 239 (1998) 1

Germanates
Defects, Photoinduced Effects 239 (1998) 104

Glass Ceramics
Rare Earth Ions 239 (1998) 149

Hydrogen in Glass
Photoinduced Effects 239 (1998) 121

Ion Implantation
Photoinduced Effects 239 (1998) 78

Luminescence
Silicates 239 (1998) 84

Magnetic Properties
Optical Properties, Rare Earth Ions 239 (1998) 181

Molecular Dynamics
Fracture, Optical Properties, Quantum Wells 239 (1998) 1

Molecular Orbital Calculation
Non-oxide Glasses, Titania 239 (1998) 131

Non-linear Optics
Chalcogenides 239 (1998) 139

Non-oxide Glasses
Molecular Orbital Calculation, Titania 239 (1998) 131
Optical Properties 239 (1998) 187
Rare Earth Ions 239 (1998) 176

Optical Properties
Fracture, Molecular Dynamics, Quantum Wells 239 (1998) 1
Magnetic Properties, Rare Earth Ions 239 (1998) 181
Non-oxide Glasses 239 (1998) 187
Photochromism 239 (1998) 126
Rare Earth Ions 239 (1998) 162

Phase Separation 239 (1998) 91

Phosphates
Rare Earth Ions 239 (1998) 143

Photochromism
Optical Properties 239 (1998) 126

Photoinduced Effects
Defects, Germanates 239 (1998) 104
Defects, Silica 239 (1998) 66
Hydrogen in Glass 239 (1998) 121
Ion Implantation 239 (1998) 78
Thin Films 239 (1998) 96

Photomodulation 239 (1998) 108

Quantum Wells
Fracture, Molecular Dynamics, Optical Properties 239 (1998) 1

Rare Earth Ions
Borates 239 (1998) 170
Fluoride Glasses 239 (1998) 116

Fluoride Glasses 239 (1998) 156
Glass Ceramics 239 (1998) 149
Magnetic Properties, Optical Properties 239 (1998) 181
Non-oxide Glasses 239 (1998) 176
Optical Properties 239 (1998) 162
Phosphates 239 (1998) 143

Semiconductors
Silica 239 (1998) 203

Silica
Defects, Photoinduced Effects 239 (1998) 66
Defects 239 (1998) 16
Defects, Surface Properties 239 (1998) 49
Semiconductors 239 (1998) 203

Silicates
Density 239 (1998) 197
Luminescence 239 (1998) 84

Sol-Gel Method
Fibers 239 (1998) 210

Surface Properties
Defects, Silica 239 (1998) 49

Thin Films
Photoinduced Effects 239 (1998) 96

Titania
Molecular Orbital Calculation, Non-oxide Glasses 239 (1998) 131